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ADRM1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant ADRM1.
Catalog # AT1060a

Specification

ADRM1 Antibody (monoclonal) (M01) - Product Information

Application	**IF, IP, WB, E**
Primary Accession	Q16186
Other Accession	BC017245
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**42153**

ADRM1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 11047

Other Names
Proteasomal ubiquitin receptor ADRM1, 110 kDa cell membrane glycoprotein, Gp110, Adhesion-regulating molecule 1, ARM-1, Proteasome regulatory particle non-ATPase 13, hRpn13, Rpn13 homolog, ADRM1, GP110

Target/Specificity
ADRM1 (AAH17245.1, 18 a.a. ~ 407 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
ADRM1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

ADRM1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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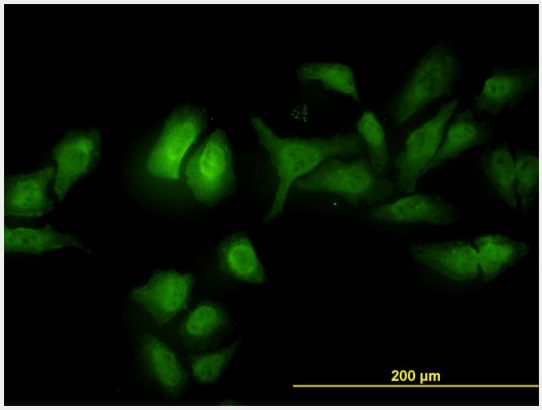
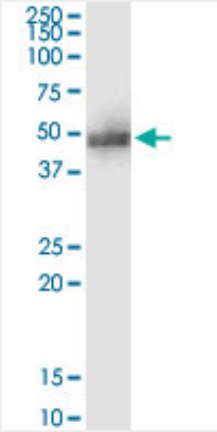
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

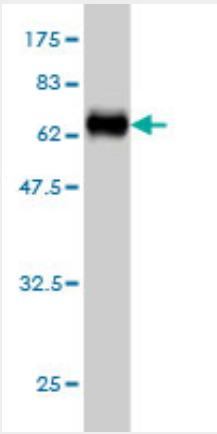
ADRM1 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to ADRM1 on HeLa cell. [antibody concentration 10 ug/ml]



Immunoprecipitation of ADRM1 transfected lysate using anti-ADRM1 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with ADRM1 monoclonal antibody.



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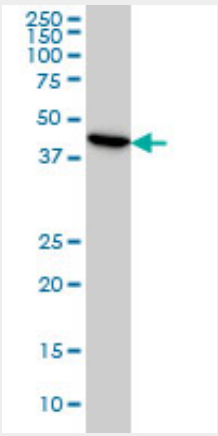
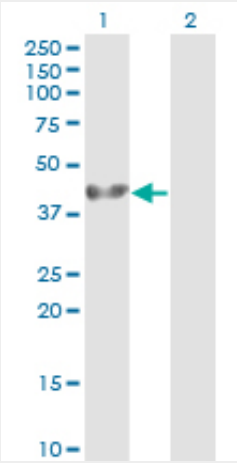
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (68.64 KDa) .

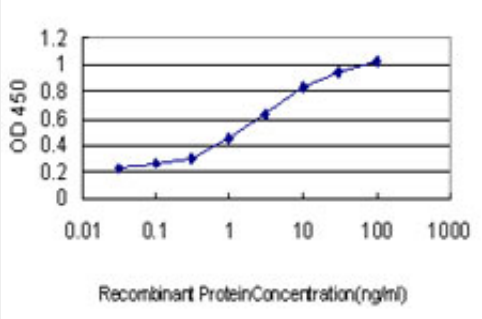


ADRM1 monoclonal antibody (M01), clone 3C6 Western Blot analysis of ADRM1 expression in HeLa ((Cat # AT1060a)



Western Blot analysis of ADRM1 expression in transfected 293T cell line by ADRM1 monoclonal antibody (M01), clone 3C6.

Lane 1: ADRM1 transfected lysate(42.2 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ADRM1 is approximately 0.1ng/ml as a capture antibody.

ADRM1 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is an integral plasma membrane protein which promotes cell adhesion. The encoded protein is thought to undergo O-linked glycosylation. Expression of this gene has been shown to be induced by gamma interferon in some cancer cells. Two transcript variants encoding the same protein have been found for this gene.

ADRM1 Antibody (monoclonal) (M01) - References

1.Phospho-?GNp63 ? /Rpn13-dependent regulation of LKB1 degradation modulates autophagy in cancer cells.Huang Y, Ratovitski EA.Aging (Albany NY). 2010 Dec;2(12):959-68.2.Phosphorylated TP63 Induces Transcription of RPN13, Leading to NOS2 Protein Degradation.Huang Y, Ratovitski EA.J Biol Chem. 2010 Dec 31;285(53):41422-31. Epub 2010 Oct 19.3.Biological and Molecular Heterogeneity of Breast Cancers Correlates with Their Cancer Stem Cell Content.Pece S, Tosoni D, Confalonieri S, Mazzarol G, Vecchi M, Ronzoni S, Bernard L, Viale G, Pelicci PG, Di Fiore PP.Cell. 2010 Jan 8;140(1):62-73.